

20030818.ba v03_n529.bam.20030818

>From ???@??? Mon Aug 18 12:17:13 2003 -0500
Message-Id: <200308181717.h7IHGs8e020298@sco.theporch.com>
Date: Mon, 18 Aug 2003 12:16:32 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3529

BOATANCHORS Digest 3529

Topics covered in this issue include:

- 1) FS: NAVSHIPS 900,480 Reprint (RAK-7/RAL-7)
by WA5CAB@cs.com
- 2) Peterson Crystals
by "w5sum" <w5sum@glowbugs.com>
- 3) Re: Help needed, Tempo-1/Yaesu FT-200 xcvr
by "Al Parker" <anchor@ec.rr.com>
- 4) IF Frequency Question
by "James C. Garland" <4cx250b@muohio.edu>
- 5) Re: Peterson Crystals
by k4pf@juno.com
- 6) I decide to restore a rx.. shoot me!
by "w5sum" <w5sum@glowbugs.com>
- 7) Re: I decide to restore a rx.. shoot me!
by Scott Robinson <spr@earthlink.net>
- 8) Re: I decide to restore a rx.. shoot me!
by "Al Parker" <anchor@ec.rr.com>
- 9) Need Mica Capacitor
by "JAMES T HANLON" <knjhanlon@msn.com>
- 10) RE: I decide to restore a rx.. shoot me!
by Morris Odell <morriso@vifm.org>
- 11) Re: I decide to restore a rx.. shoot me!
by Al Klase <skywaves@bw.webex.net>
- 12) Re: I decide to restore a rx.. shoot me!
by Bob Roehrig <broehrig@aurora.edu>
- 13) Re: I decide to restore a rx.. shoot me!
by "Arden Allen" <gumbear@pacbell.net>
- 14) FS: Mackay 167-BY, Literature
by "Merz Donald S" <merz.ds@mellon.com>
- 15) Want Taylor T-20 Tubes, Gross CW-55 Manual/Info
by "Merz Donald S" <merz.ds@mellon.com>
- 16) Re: I decide to restore a rx.. shoot me!
by Benjamin Hall <kd5byb@earthlink.net>

From: WA5CAB@cs.com

Message-ID: <121.24f5c7f1.2c701f86@cs.com>
Date: Sat, 16 Aug 2003 20:00:06 EDT
Subject: FS: NAVSHIPS 900,480 Reprint (RAK-7/RAL-7)
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_121.24f5c7f1.2c701f86_boundary"

--part1_121.24f5c7f1.2c701f86_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Groups,

For sale, cover to cover reprint of manual on RAK-7 and RAL-7. The only liberty that I took with the scanning was to separate the schematics of the receivers and the power supplies (originally about 24" wide) so that I could print them here as 11x17 rather than having to pay someone else to do it, which just runs the cost up. Usual heavy covers, screw post binding and one-piece foldouts. \$30 shipped CONUS.

73

Robert Downs - Houston
<<http://www.wa5cab.com>>
<wa5cab@cs.com>

--part1_121.24f5c7f1.2c701f86_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *

--part1_121.24f5c7f1.2c701f86_boundary--

From: "w5sum" <w5sum@glowbugs.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Peterson Crystals
Date: Sun, 17 Aug 2003 04:38:26 -0500
Message-Id: <20030817093826.M26891@glowbugs.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

howdy men
anyone have the email address for peterson crystals?

thanks & 73's

Ronnie

The "AM" voice of Shreveport, Louisiana USA
formerly WN5AIA and WB5AIA
I got my Extra Class the old fashioned way... I earned it!

Message-ID: <0a9e01c364b3\$aa8dd010\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BAporch" <boatanchors@theporch.com>
Subject: Re: Help needed, Tempo-1/Yaesu FT-200 xcvr
Date: Sun, 17 Aug 2003 07:35:31 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI Wally,

This msg bounced back to me, your ISP didn't like mine, or something.
Here it is again, in case you didn't see it on the BA reflector. I you
could make/send me a copy of the Tempo info, I'd gladly pay costs.
tnx, 73,
Al, W8UT

Al Parker
204 River Bluffs Dr.
New Bern, NC 28560

----- Original Message -----
From: "Al Parker" <anchor@ec.rr.com>
To: "Wally Gibbons" <rockwall@sourceoneinternet.com>
Cc: "BAporch" <boatanchors@theporch.com>
Sent: Saturday, August 16, 2003 7:28 PM
Subject: Re: Help needed, Tempo-1/Yaesu FT-200 xcvr

> Hi Wally,
> Thanks for the note - it sure looks like a factory job. Maybe
whoever

> did it screwed something up. By chance, could you scan the schematic in
> that area, &/or the mod sheets, & send to me?

> I should have refused to do the guy a favor, but he had just bought
2

> new 6146's from me. The 2 that were in it were pretty bad. If it had
> been workable on 10 (11) I would have figured it came from a CBer & the
> tubes got fried. This guy is a ham, but a new one.

> I've pulled the tubes, both finals & driver, to ck the impedance
> between them. still low.

> tn timer, 73,

> Al

> ----- Original Message -----

> From: "Wally Gibbons" <rockwall@sourceoneinternet.com>

> To: <anchor@ec.rr.com>

> Sent: Saturday, August 16, 2003 7:16 PM

> Subject: RE: Help needed, Tempo-1/Yaesu FT-200 xcvr

>

>

> > Hi Al,

> > That rig had 6JS6s from the factory. There is a modification out and
> > about which converts the rig to 6146's. I have copies of it. My tempo
1

> > is needing output tubes and I have lots of 6146. 6JS6 are expensive.

> > Unforgiving too.

> > Alignment is not easy on those rigs either.

> >

> > Good luck with it. They are not really worth the trouble, in my
opinion,

> > if troublesome.

> >

> > Wally

> >

> > -----Original Message-----

> > From: owner-boatanchors@theporch.com

> > [mailto:owner-boatanchors@theporch.com] On Behalf Of Al Parker

> > Sent: Saturday, August 16, 2003 1:14 PM

> > To: Old Tube Radios

> > Subject: Help needed, Tempo-1/Yaesu FT-200 xcvr

> >

> > Hi Folks,

> > I'm stumped on this one. It's not mine, a guy at a 'fest talked
me

> > into looking at it for him (I tried hard to talk him out of it). Does
> > anyone have any experience with these?

> > It has no output & very little rcv on 10m not much better on 15.

> > I've

> > ckd/changed tubes, cleaned things, isolated almost all components in
the

> > driver to final grid ckt. I'm sure that's where the problem is, as
the
> > impedance feeding the final grids is 40 ohms or lower on 10m, a bit
> > better
> > on 15, and many 100's (as it should be) on the others. I've inspected
> > with a dentist' mirror, lifted leads, etc. (I use an Autek RF-1 to
ck
> > ckt impedances, a neat pc of test gear.)
> > This rig has 6146's in the final, from the factory, I've gotten
both
> > Tempo & Yaesu schematics which show 6JS6A's, but I see no ckt changes
> > except tube at sockets.
> > If there's anyone that has ideas, I can share all my tries
off-line.
> > thanks in advance,
> > 73,
> > Al, W8UT
> > New Bern, NC
> > BoatAnchors appreciated here
> > <http://www.thecompendium.net/radio/>
> > <http://www.hammarlund.info>
> >
> >
> >
> >
> >
>

Message-Id: <5.1.0.14.2.20030817082140.03a41e98@admin.muohio.edu>
Date: Sun, 17 Aug 2003 08:27:04 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: IF Frequency Question
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
I'm fixing up a Heathkit monitor scope (HO-5404) prior to selling it, as
part of my XYL-driven campaign to thin out the stuff I don't use. The scope
has a built-in panadaptor intended for an IF of 8.9875 MHz. Heathkit IFs
tended to be 3.395 MHz and 8.830 MHz (the latter for the HW-5400). I
vaguely recall the Yaesu FT101/2 used 8.200MHz Anybody know what rig used
an 8.9875 MHz IF?

Tnx,

Jim W8ZR

Mime-Version: 1.0
Date: Sun, 17 Aug 2003 16:00:26 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: Peterson Crystals
Content-Type: text/plain
From: k4pf@juno.com
Message-Id: <20030817.090122.559.810077@webmail05.lax.unttd.com>

PR Crystals are made by
Petersen Radio Co., Council Bluffs, Iowa,
712/323-7539.

email address
(per amwindow.org resources)
is jjk51503.aol.com

73,
Ed

--- "w5sum" <w5sum@glowbugs.com> wrote:

howdy men
anyone have the email address for peterson crystals?

From: "w5sum" <w5sum@glowbugs.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: I decide to restore a rx.. shoot me!
Date: Sun, 17 Aug 2003 16:03:37 -0500
Message-Id: <20030817210337.M77442@glowbugs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

I have recently become the proud father of a SX28. Unfortunatley, its a rust bucket.

However.. since I now own this, I'm going to try to restore it. Electrically it doesn't look bad. It WILL need a S-meter and a few knobs.

The worst is the cabinet, front panel, and matching speaker.

Since I have never done this before I need advice. Fist, the cabinet of the rx has a fair amount of very light surface rust. The Speaker does not have as much. How does one get rid of the rust before a 'repaint'??? Sand blasting?

I know someone that can paint and silk screen the front panel, but I think I can do the cabinet(s)

WHAT color paint would one want to look for, for this RX? Was it a grey wrinkle originally?

The grills, vents, whatever you want to call them on the front of the speaker, WHAT color were these originally? Mine are a very dirty white or maybe a dirty light grey.. had to tell.. some rust too, very light and mainly on the edges.

any suggestions y'all?

73's

de w5sum - Ronnie

The "AM" voice of Shreveport, Louisiana USA
formerly WN5AIA and WB5AIA
I got my Extra Class the old fashioned way... I earned it!

Mime-Version: 1.0
Message-Id: <p05200f01bb65a2f0d538@[216.175.114.82]>
Date: Sun, 17 Aug 2003 14:25:44 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: I decide to restore a rx.. shoot me!
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Ronnie,

Bead blasting removes rust but is much kinder to the metal than sand blasting. Most auto repair shops have a bead blasting cabinet for cleanign cylinder heads and so forth, and you can sometimes get them to let you use the cabinet, or work with them as they do it.

Regards,

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Message-ID: <0c5201c36508\$c3b700c0\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I decide to restore a rx.. shoot me!
Date: Sun, 17 Aug 2003 17:44:41 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ronnie,

You may want to shoot yourself by the time you're thru ;-)

Fortunately there are parts available if you make your needs known. There are some good 'help" reources available on the web, I think Phil's is one of the best, I've linked his & several more on my SX-28 page;
<http://www.thecompendium.net/radio/sx28.htm>

Electrical restoration of an SX-28 is one of the most difficult, but it sure does sound nice when you're done. Make sketches as you work, to get stuff back in right. Lots of paper caps to change, and lots of teh resistors will be off value.

I think the cabinet was a bluish gray, but there are lots of opinions about that.

The panel should be engraved, you should be able to do it yourself, it can't be silkscreened (I don't think).

If you've got the PM-23 speaker, with the "Buick" grill, the grill can be painted about the same as you'd do the top of an SX-101 cabinet, an antique silver, non-gloss, "Duplicolor Truck and Van Paint #T 229 Silver M" is a good one.

Bead blast the cabinet, then do a wrinkle, then a light top coat of whatever color you decide is right.

There's lots more to say, I'm sure you'll get lots of tips.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

<http://www.thecompendium.net/radio/>

<http://www.hammarlund.info>

----- Original Message -----

From: "w5sum" <w5sum@glowbugs.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Sunday, August 17, 2003 5:03 PM

Subject: I decide to restore a rx.. shoot me!

> I have recently become the proud father of a SX28. Unfortunatley, its a rust
> bucket.

>

> However.. since I now own this, I'm going to try to restore it.
Electrically
> it doesn't look bad. It WILL need a S-meter and a few knobs.
>
> The worst is the cabinet, front panel, and matching speaker.
>
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the
> rx has a fair amount of very light surface rust. The Speaker does not
have as
> much. How does one get rid of the rust before a 'repaint'??? Sand
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>
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think I
> can do the cabinet(s)
>
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> wrinkle originally?
>
> The grills, vents, whatever you want to call them on the front of the
> speaker, WHAT color were these originally? Mine are a very dirty white
or
> maybe a dirty light grey.. had to tell.. some rust too, very light and
mainly
> on the edges.
>
> any suggestions y'all?
>
> 73's
>
> de w5sum - Ronnie
>
> The "AM" voice of Shreveport, Louisiana USA
> formerly WN5AIA and WB5AIA
> I got my Extra Class the old fashioned way... I earned it!
>
>

From: "JAMES T HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Mica Capacitor
Date: Sun, 17 Aug 2003 16:31:05 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="----
=_NextPart_001_0000_01C364DC.F4908300"
Message-ID: <BAY4-DAV127W5k1Ed280001c3e7@hotmail.com>

-----=_NextPart_001_0000_01C364DC.F4908300
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Anchorites,

I am looking for a source for a 1000 mmfd (pf), 2500 WVDC molded mica capacitor to replace the Power Amplifier Plate Blocking Capacitor in my 32V3, C401, that has shorted. It is a brown block, 1 1/4" wide, 1 3/32" tall and I'm not sure how thick. It has two protruding mounting holes molded into the bottom of the block and solder terminal connections coming out of each side. Surplus Sales of Nebraska has a picture of it on page 100 of their Catalog 8 called "A2 Series." I checked on their web page, and Surplus Sales does have it in stock for \$9. Fair Radio Sales does not list a comparable part on their web page. =20

Can you suggest a better source than Surplus Sales of Nebraska?

And if you have ever replaced one of these, how the heck did you get to it? It looks like it is mounted on a sub-plate that might come loose if I take a couple of screws out, but I'm not too sure about that.

Thanks,

Jim, W8KGI

-----=_NextPart_001_0000_01C364DC.F4908300
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_001_0000_01C364DC.F4908300--

Date: Mon, 18 Aug 2003 08:35:32 +1000
From: Morris Odell <morriso@vifm.org>
Subject: RE: I decide to restore a rx.. shoot me!
To: Old Tube Radios <boatanchors@theporch.com>

Message-id:

<07A064EA6042D4118A62009027F70E77339E06@nt_exchange.vifp.monash.edu.au>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Congratulations! The SX-28 is a wonderful radio and the enormous amount of work involved in restoring one makes it sound even sweeter once you have finished. It took me 30 years to find a SX-28 down here and restoring it was a real labour of love.

> I know someone that can paint and silk screen the front
> panel, but I think I
> can do the cabinet(s)

The front panel has engraved markings. I bit the bullet and stripped it completely with paint stripper (take heed of the usual warnings about toxicity if you do this). After repainting with anti rust black spray paint and filling the engraved markings with white filler (from AES, or alternatively use liquid paper) it looks like new!

> WHAT color paint would one want to look for, for this RX? Was
> it a grey
> wrinkle originally?

Mine had crappy grey wrinkle. I stripped it and repainted it in black wrinkle and it looks great although perhaps slightly non-original.

> The grills, vents, whatever you want to call them on the front of the
> speaker, WHAT color were these originally? Mine are a very
> dirty white or
> maybe a dirty light grey.. had to tell.. some rust too, very
> light and mainly
> on the edges.

I think they were chrome or satin chrome. Mine weren't too bad so I just buffed them and reinstalled them. The whole assembly comes off so you can take it to a plating shop.

Good luck!

Morris

>

Message-ID: <3F403633.5010302@bw.webex.net>

Date: Sun, 17 Aug 2003 22:13:07 -0400

From: Al Klase <skywaves@bw.webex.net>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I decide to restore a rx.. shoot me!
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

w5sum wrote:

> I have recently become the proud father of a SX28. Unfortunatley, its a rust
> bucket.
>
> However.. since I now own this, I'm going to try to restore it. Electrically
> it doesn't look bad. It WILL need a S-meter and a few knobs.
>

Don't kid yourself about the electrical condition. These sets are notorious for leaky caps, and the radio is complex enough that you'll have a lot of funky problems that are best dealt with by replacing all the paper and electrolytic caps.

Many of the capacitors are difficult to reach. You can work on the front end by removing the bandswitch shaft and unsoldering and removing alternate switch section with associated coils. E.g., remove the 2nd RF and oscillator leaving the 1st RF and mixer in place. Then you'll have fighting chance.

You can see how I replace caps at:

http://www.webex.net/~skywaves/commrx/Comporepl/component_replacement.htm
Surgical instruments, such as hemostats help a lot.

Good luck,
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Sun, 17 Aug 2003 19:42:31 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I decide to restore a rx.. shoot me!
Message-ID: <Pine.OSF.4.55.0308171939350.370870@mail.aurora.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good find Ronnie! I am sure happy with mine. I made one good one out of 3 and sold the remains of the other two for enough to pay for all 3 of them. All 3 of the ones I had were black. I wouldn't call the finish wrinkle as such. It seems to be much coarser - more of a cracked leather look. Perhaps there were several variations. Except where the cracks are, it is fairly shiny.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

Message-ID: <000f01c365a2\$e2a50a00\$7ae47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: I decide to restore a rx.. shoot me!
Date: Mon, 18 Aug 2003 09:07:43 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Al recommends:

> You can see how I replace caps at:
> http://www.webex.net/~skywaves/commrx/Comp REPL/component_replacement.htm
>

And I think this is the best approach to component replacement considering all of the difficulties that can be encountered. Of course it is not suitable for *every* situation but there is no better way to limit damage to terminals and other components and make a workman like repair.

Just snip out the old capacitor or resistor, tin the ends of the leads where the old part used to be, lay the replacement part in place and mark its leads with a Sharpie pen as to where the pigtails will be located. The new pigtailed part with then "plug in" to place with a minimum of fuss and fumes.

One of my most precious tools is a set of General Cement pigtailers, model numbers 5076, 5077 and 5078 with mandrel diameters of .040, .050 and .062 inches respectively. Unfortunately GC stopped making them in the 70's but a

Also, a good quality pair of small head, long reach diagonal cutters will prevent lots of problems with old part removal. Keep bringin' them back to life, fellas!

 Message-ID: <20030818164128.2810.qmail@mellon.com>
 content-class: urn:content-classes:message
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: base64
 Subject: FS: Mackay 167-BY, Literature
 Date: Mon, 18 Aug 2003 12:41:17 -0400
 From: "Merz Donald S" <merz.ds@mellon.com>
 To: Old Tube Radios <boatanchors@theporch.com>
 Cc: <n3rht@yahoo.com>

RkX9SiFNbTEUNCg0KtWfJa2F5IDE2Ny1CWSBIRiB0cmFuc21pdHRlciBkZXNpZ25lZCBmb3IgaW5z
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Message-ID: <20030818165625.16703.qmail@mellon.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
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Subject: Want Taylor T-20 Tubes, Gross CW-55 Manual/Info
Date: Mon, 18 Aug 2003 12:56:19 -0400
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <n3rht@yahoo.com>

V0FOVEVE0iBUYX1sb3Igc0yMCB0dWJlcy4gSGF2ZSB0dWJlcyB0byB0cmFkZSBvcjB3aWxsIHBheSBjYXNoLg0KDQpXQU5URUQ6IEdyb3NzIENXLTU1IFRyYW5zbWl0dGVyIG1hbnVhbCBvcjBhbnkgaw5mb4NCg0KVGhhbmtzLg0KNzMsIERvbiBNZXJ6LCBOM1JIVA0KIA0KRElTQ0xBSU1FUjogDQpUaGUgaW5mb3JtYXRpb24gY29udGFpbmVklGluIHRoaXMgZS1tYWlsIG1heSBiZSBjb25maWRlbnRpYWwgaW5kIGlzIGludGVuZGVkIHNVbGVseSBmb3IgdGhlIHVzZSBvZiB0aGUgbmFtZWQgYWRkcmVzc2VlLiBBY2Nlc3MsIGNvcHlpbmcgb3IgcmludXNlIG9mIHRoZSB1LW1haWwgb3IgaW55IGluZm9ybWw0aW9uIGNvbnRhaW5lZCB0aGVyZWluIGJ5IGFueSBvdGhlciBwZXJzb24gaXMgbm90IGF1dGhvcml6ZWQuIElmlIHlvdSBhcmUgbm90IHRoZSBpbmRlbnRlZCBYZW5pcGllbnQgcGx1YXNlIG5vdGlmSB1cyBpbW1lZG1hdGVseSBieSBYXR1cm5pbmcgdGhlIGUtbWwFpbCB0byB0aGUgb3JpZ2luYXRvci4oQSkNCiANCg0KIA0K

Message-ID: <8256216.1061226979396.JavaMail.nobody@bigbird.psp.pas.earthlink.net>
Date: Mon, 18 Aug 2003 10:16:18 -0500 (CDT)
From: Benjamin Hall <kd5byb@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: I decide to restore a rx.. shoot me!
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Arden and gang,

I'm excited to see this method receive endorsement. In the past, I've replaced components by the traditional method - unsoldering the old component leads using a "solder sucker" and various prying/poking devices, then soldering in a new component. I thought that this was the only "BA-enthusiast-approved" method.

While the old method ensures I get a new, good solder joint, the downside is that even when I'm careful, I find that sometimes I've damaged whatever supports the joint, be it a tube socket, terminal board, etc...

This pigtail method sounds far easier and less damaging.

thanks and 73,
ben

-----Original Message-----

From: Arden Allen <gumbear@pacbell.net>

Sent: 08/18/03 11:07 AM

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: I decide to restore a rx.. shoot me!

>

> Al recommends:

> You can see how I replace caps at:

> http://www.webex.net/~skywaves/commix/Comp1/component_replacement.htm

>

And I think this is the best approach to component replacement considering all of the difficulties that can be encountered. Of course it is not suitable for *every* situation but there is no better way to limit damage to terminals and other components and make a workman like repair.

>From the computer of Benjamin Hall.
kd5byb@earthlink.net

End of BOATANCHORS Digest 3529
